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15. The color measuring device as set forth in claim 3 wherein said filter/photodetector pairs provide a plurality of long-wavelength-pass electro-optical filters.

16. The color measuring device as set forth in claim 3 wherein said filter/photodetector pairs are disposed in an array.

17. The color measuring device as set forth in claim 3 wherein one of said filter/photodetector pairs has a responsivity extending over an entire visible spectrum.

Remarks

This Amendment is responsive to the Office Action of **May 22, 2002**. Reconsideration of the rejection of **Claims 13 and 15-17** is respectfully requested. The indication of allowability with respect to **Claims 3-11** is acknowledged and appreciated.

Dependent **Claim 14** was indicated to contain allowable subject matter. This claim has been re-written as independent **Claim 13** by including the limitations from this base claim. Claim 14 has been canceled. Thus, independent **Claim 13** is now in condition for allowance.

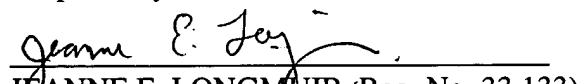
The Claim Objections

**Claims 15-17** were objected to as lacking antecedent basis for the filter/photodetector pair limitation. These claims have been amended to depend from allowable Claim 3, and thus do provide the required antecedent basis.

Conclusion

For the reasons set forth above, **Claims 3-11 and 13, and 15-17** patentably and unobviously distinguish over the references of record and are now in condition for allowance. An early allowance of all claims is earnestly solicited.

Respectfully submitted,

  
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**Marked Up Version of Amended Claims:**

**Cancel Claims 1 and 2.**

**Re-write independent Claim 13, to include the subject matter of dependent Claim 14 indicated to contain allowable subject matter, as follows:**

13. (Amended) A process for measuring a color of an object comprising the steps of:
  - filtering light from the object with a plurality of filters responsive across overlapping wavelength regions at longer wavelengths of the visible spectrum;
  - detecting the filtered light and generating a plurality of light signals representative of the filtered light detected;
  - reading the plurality of light signals in parallel;
  - wherein the reading includes accumulating the plurality of light signals for a selected time period; and
  - generating output signals based on the plurality of light signals read which represent the color of the object.

**Cancel Claim 14.**

15. (Amended) The color measuring device as set forth in claim [1] 3 wherein said filter/photodetector pairs provide a plurality of long-wavelength-pass electro-optical filters.

16. (Amended) The color measuring device as set forth in claim [1] 3 wherein said filter/photodetector pairs are disposed in an array.

17. (Amended) The color measuring device as set forth in claim [1] 3 wherein one of said filter/photodetector pairs has a responsivity extending over an entire visible spectrum.